

Name: _____

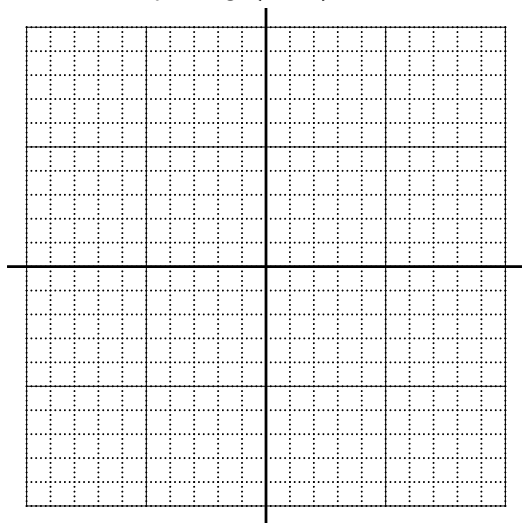
Date: _____

PCW__09__29: Graph Parent Translations (version 4)

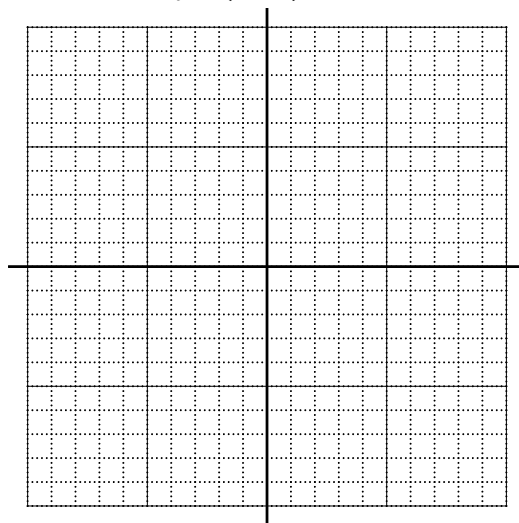
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

Clearly mark every solution where x and y are both integers with a small dot along the curve.

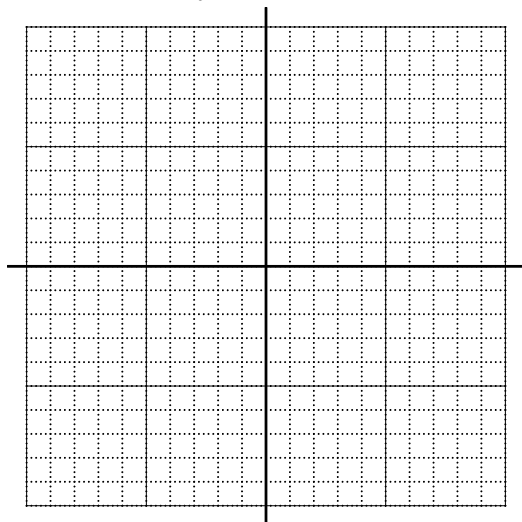
$$y = \log_2(x+2) + 3$$



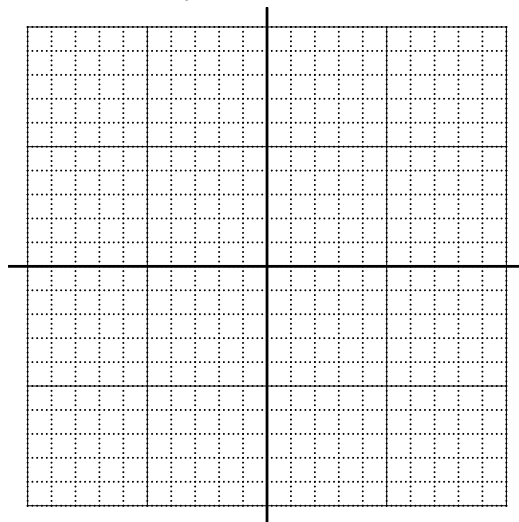
$$y = (x-2)^3 + 4$$



$$y = 2^{x-3} - 5$$

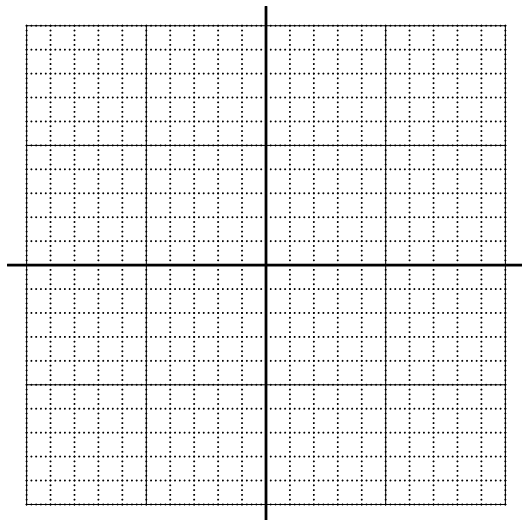


$$y = \sqrt[3]{x+5} + 1$$

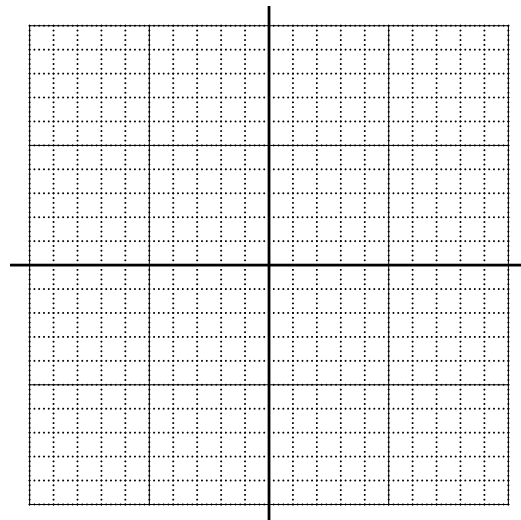


PCW_09_29: Graph Parent Translations (version 4)

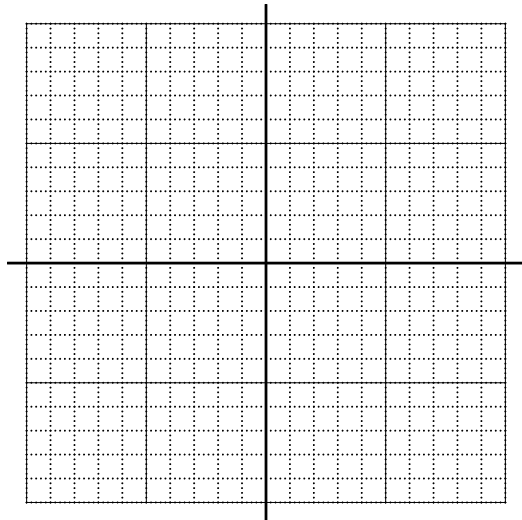
$$y = \sqrt{x-4} - 1$$



$$y = \frac{1}{x+5} - 4$$



$$y = (x+3)^2 - 4$$



$$y = |x+4| + 1$$

